



April 19, 2021

Mr. Andrew Grenzer
Chief, Solid Waste Operations
Maryland Department of the Environment
Land Management Administration
1800 Washington Boulevard, Ste 735
Baltimore, Maryland 21230-1719

Subject: **Groundwater Discharge Permit Renewal Application
Groundwater Discharge Permit No. 2016-GWD-2090
Hunting Ridge Construction and Demolition Rubble Landfill
Hurlock, Maryland**

Dear Mr. Grenzer:

On behalf of Waste Management of Maryland, Inc. (Waste Management), Tetra Tech, Inc. (Tetra Tech) is pleased to submit the enclosed Groundwater Discharge Permit Application for Unlined Rubble Landfills form for the renewal of the above referenced permit. The application includes the Worker's Compensation Insurance policy number and a copy of the most recent annual groundwater monitoring report (*2020 Annual Groundwater Monitoring Report*, dated January 2021). The application includes a recommendation of continued monitoring at the site in accordance with the sampling plan (Attachment D).

It should be noted that since this area has been completely capped, the closed landfill does not allow for continued surface water recharge. Accordingly, it is expected that the volume of leachate discharged to groundwater will continue to decline over the post-closure monitoring and maintenance period.

I trust you find this submittal satisfactory. If you have any questions regarding this application or require additional information, please contact me at 410-990-4607 or peter.rich@tetratech.com.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. A. Rich'.

Peter A. Rich, P.E.
Principal Engineer

Enclosure

MARYLAND DEPARTMENT OF THE ENVIRONMENT
Land Management Administration • Solid Waste Program
1800 Washington Boulevard • Suite 605 • Baltimore Maryland 21230-1719
410-537-3315 • 800-633-6101 x3315 • www.mde.maryland.gov

**Groundwater Discharge Permit Application
For Unlined Rubble Landfills**

Authority: Title 9, Environment Article, Annotated Code of Maryland, and Code of Maryland Regulations (COMAR) 26.08.04

Application for: ☐ New Permit ☒ Renewal Permit

Existing Permit No. 2016 -GWD- 2090 Issued Date: 12 / 28 / 2016 Expiration Date: 12 / 27 / 2021

Applicant's Legal Name: Waste Management of Maryland, Inc.

Applicant's Status: ☐ Individual ☒ Corporation ☐ Government ☐ Other: _____

Corporation or Government Federal Tax Identification No.: 52-0250430

Maryland State Department of Assessments and Taxation (SDAT) ID No.: F03168788

Please note that a business/entity must be registered to do business in Maryland before a permit can be issued. The business or entity's information provided in this application must match the information in the SDAT register.

Proof of workers' compensation coverage is required under § 1-202 of the Environment Article. Please provide one of the following:

- (1) A copy of a Certificate of Compliance issued by the Maryland Workers' Compensation Commission; or
(2) Workers' Compensation Insurance Policy/Binder Number: Indemnity Insurance Company, Policy # Policy #WLR C44338440

Applicant's Mailing Address: 10376 Bullock Drive City: King George State: VA Zip Code: 22485

Applicant's Telephone No.: (479) 295 - 4676 Facsimile No.: () _____ - _____

Emergency Contact Name & Title: David Kaasa / District Manager Telephone No.: (479) 295 - 4676

Facility/Site Name: Hunting Ridge Construction and Demolition Debris Landfill

Facility/Site Address: 6801 East New Market - Ellwood Road City: Hurlock State: MD Zip Code: 21641

County: Dorchester Maryland Grid Coordinates: 110 / 305 - _____

County Zoning Map No.: 5 Lot/Parcel No.: Map 5/Parcel 90 Deed/Liber/Folio No.: PLC/00267/00868

State Legislative District: 37B Local Council/Election District: 4/15

Bay Tributary Watershed Code: 02130403 Latitude/Longitude (Deg/Min/Sec): 38 - 40 - 10 / 75 - 53 - 45

Site Acreage: 44 Landfill Acreage: 28

Nature of Business (describe briefly): Closed rubble landfill where incoming waste was reduced to smallest practical volume and covered with proper soil cover.

List Other Environmental Permits Held For the Site: (e.g., NPDES-surface water; PSD-air emissions; RCRA-hazardous waste, etc).

Post-Closed period commenced 1/16/1998: Air Permit to Construct: 09-9-0025N, issued 6/18/1998; State Water Appropriation Permit No. DO91G038(03) Effective 5/1/1996; Stormwater NPDES General Permit No. 97-SW, Issued 12/1/1997; Dorchester Soil CD Sediment and Erosion Control Plan, Renewal 4/9/1997.

Wastewater (Leachate) Description:

Percolation through the disposal cells from leakage through the flexible membrane cap (see cross sections in Attachment A) and the decrease in water content of the waste as it drains.

Flow Calculations:

Average: 256 gallons per day

Maximum: 375 gallons per day

(see HELP Model run in Attachment B)

Groundwater Characteristics

(Attach Latest Groundwater Sample Results)

Map Of The Facility

This application must be accompanied by a copy of a U.S. Geological Survey topographical map or road map with a scale of 1" = 2000 feet, showing the exact location of the facility.

By signing this form, I the applicant or duly authorized representative, do solemnly affirm under the penalties of perjury that the contents of this application are true to the best of my knowledge, information, and belief. I hereby authorize the representatives of the Department to have access to the site of the facility for inspection and to records relating to this application at any reasonable time. I acknowledge that depending on the type of facility applied for, other permits or approvals may be required.

David Kaasa

Signature of Applicant

4.15.2021

Date

David Kaasa

Applicant's Name (Print)

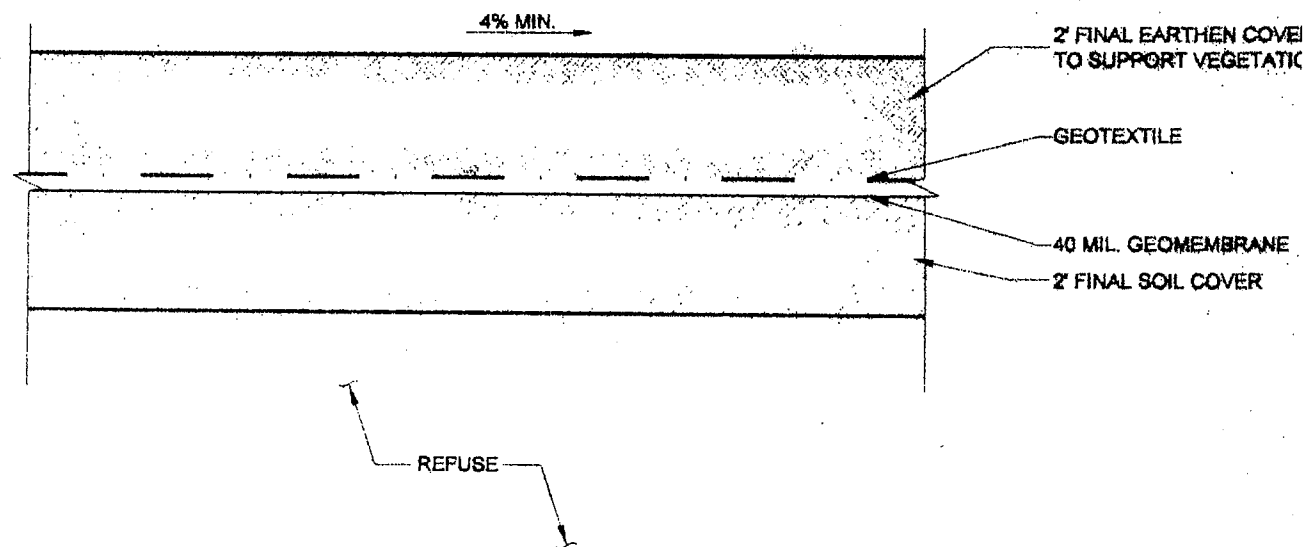
District Manager

Title

This Notice is provided pursuant to §10-624 of the State Government Article of the Maryland Code. The personal information requested on this form is intended to be used in processing your application. Failure to provide the information requested may result in your application not being processed. You have the right to inspect, amend, or correct this form. The Maryland Department of the Environment ("MDE") is a public agency and subject to the Maryland Public Information Act. This form may be made available on the Internet via MDE's website and is subject to inspection or copying, in whole or in part, by the public and other governmental agencies, if not protected by Federal or State law.

Privacy Act Notice: This Notice is provided pursuant to the Federal Privacy Act of 1974, 5 U.S.C. §552.a. Disclosure of your Social Security Number or Federal Employer Identification Number on this application is mandatory pursuant to the provisions of §1-203 (2003), Environment Article, Annotated Code of Maryland, which requires the MDE to verify that an applicant for a permit has paid all undisputed taxes and unemployment insurance. Social Security or Federal Employer Identification Numbers will not be used for any purposes other than those described in this Notice.

ATTACHMENT A
CAP CROSS SECTIONS

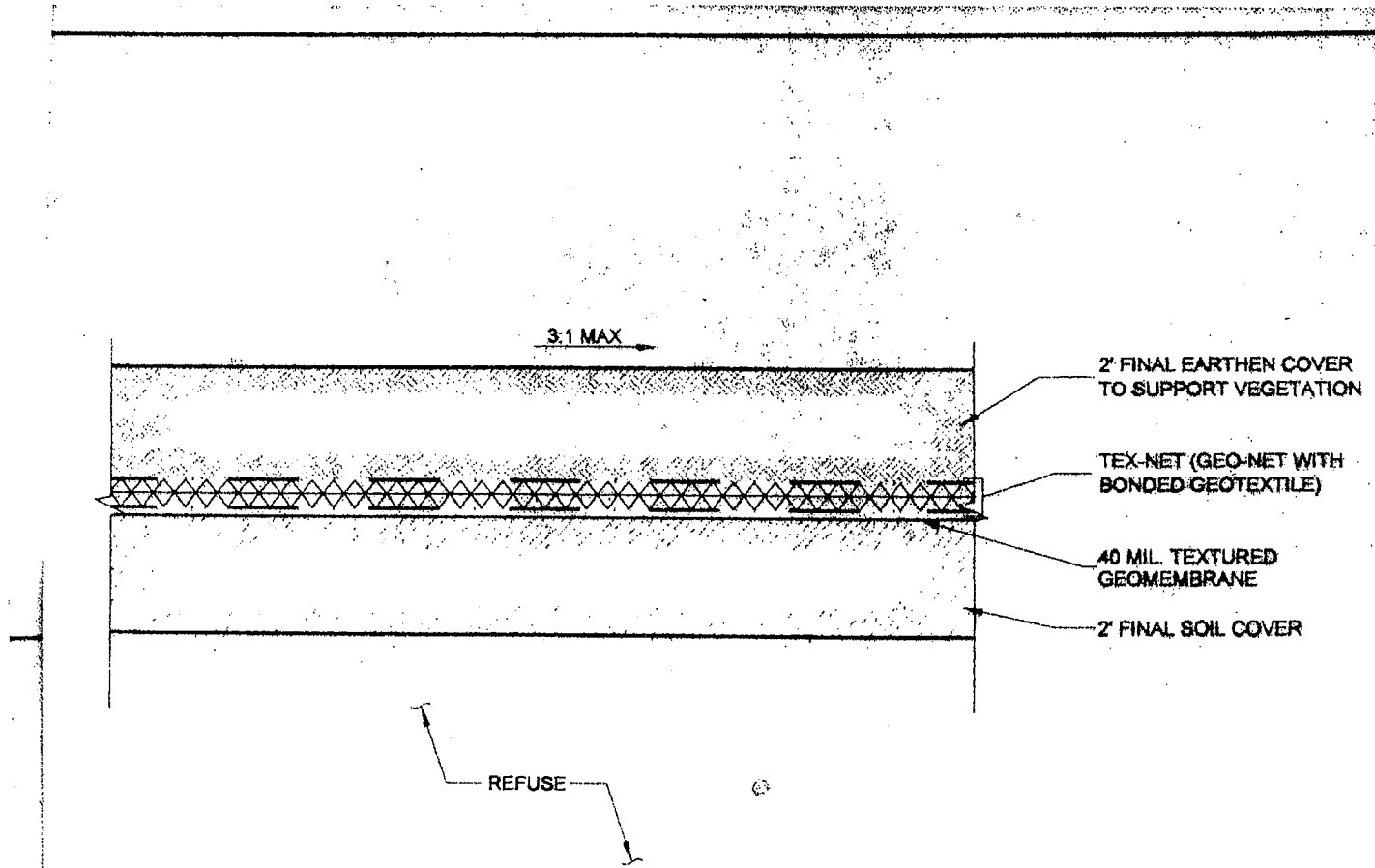


PLATEAU AREA - CLOSURE CAP DETAIL

NTS

4

5



SIDE SLOPE - CLOSURE CAP DETAIL

NTS

3
5

ATTACHMENT B
FLOW CALCULATIONS HELP MODEL

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HYDROLOGIC EVALUATION OF LANDFILL PERFORMANCE
HELP MODEL VERSION 3.01 (14 OCTOBER 1994)
DEVELOPED BY ENVIRONMENTAL LABORATORY
USAE WATERWAYS EXPERIMENT STATION
FOR USEPA RISK REDUCTION ENGINEERING LABORATORY
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PRECIPITATION DATA FILE: Y:\HELP3\DATA4.D4
TEMPERATURE DATA FILE: Y:\HELP3\DATA7.D7
SOLAR RADIATION DATA FILE: Y:\HELP3\DATA13.D13
EVAPOTRANSPIRATION DATA: Y:\HELP3\DATA11.D11
SOIL AND DESIGN DATA FILE: Y:\HELP3\DATA10R1.D10
OUTPUT DATA FILE: Y:\HELP3\data10r1.OUT

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TIME: 15: 7 DATE: 7/23/1997

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*****
TITLE: Hunting Ridge - Final Closure Plan with Geotextile (4%)
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NOTE: INITIAL MOISTURE CONTENT OF THE LAYERS AND SNOW WATER WERE
      COMPUTED AS NEARLY STEADY-STATE VALUES BY THE PROGRAM.

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LAYER 1
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TYPE 1 - VERTICAL PERCOLATION LAYER
MATERIAL TEXTURE NUMBER 0

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THICKNESS           = 24.00 INCHES
POROSITY             = 0.4300 VOL/VOL
FIELD CAPACITY       = 0.3210 VOL/VOL
WILTING POINT       = 0.2210 VOL/VOL
INITIAL SOIL WATER CONTENT = 0.4167 VOL/VOL
EFFECTIVE SAT. HYD. COND. = 0.259999997000E-04 CM/SEC

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LAYER 2
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TYPE 2 - LATERAL DRAINAGE LAYER

MATERIAL TEXTURE NUMBER 0

THICKNESS	=	0.12	INCHES
POROSITY	=	0.8500	VOL/VOL
FIELD CAPACITY	=	0.0100	VOL/VOL
WILTING POINT	=	0.0050	VOL/VOL
INITIAL SOIL WATER CONTENT	=	0.8486	VOL/VOL
EFFECTIVE SAT. HYD. COND.	=	0.340000004000	CM/SEC
SLOPE	=	4.00	PERCENT
DRAINAGE LENGTH	=	200.0	FEET

LAYER 3

TYPE 4 - FLEXIBLE MEMBRANE LINER

MATERIAL TEXTURE NUMBER 36

THICKNESS	=	0.04	INCHES
POROSITY	=	0.0000	VOL/VOL
FIELD CAPACITY	=	0.0000	VOL/VOL
WILTING POINT	=	0.0000	VOL/VOL
INITIAL SOIL WATER CONTENT	=	0.0000	VOL/VOL
EFFECTIVE SAT. HYD. COND.	=	0.399999993000E-12	CM/SEC
FML PINHOLE DENSITY	=	2.00	HOLES/ACRE
FML INSTALLATION DEFECTS	=	2.00	HOLES/ACRE
FML PLACEMENT QUALITY	=	2	EXCELLENT

LAYER 4

TYPE 1 - VERTICAL PERCOLATION LAYER

MATERIAL TEXTURE NUMBER 0

THICKNESS	=	24.00	INCHES
POROSITY	=	0.4300	VOL/VOL
FIELD CAPACITY	=	0.3210	VOL/VOL
WILTING POINT	=	0.2210	VOL/VOL
INITIAL SOIL WATER CONTENT	=	0.3204	VOL/VOL
EFFECTIVE SAT. HYD. COND.	=	0.220000002000E-04	CM/SEC

LAYER 5

TYPE 1 - VERTICAL PERCOLATION LAYER

MATERIAL TEXTURE NUMBER 0

THICKNESS	=	840.00	INCHES
POROSITY	=	0.4000	VOL/VOL
FIELD CAPACITY	=	0.1700	VOL/VOL
WILTING POINT	=	0.0800	VOL/VOL
INITIAL SOIL WATER CONTENT	=	0.1693	VOL/VOL
EFFECTIVE SAT. HYD. COND.	=	0.100000005000E-02	CM/SEC

GENERAL DESIGN AND EVAPORATIVE ZONE DATA

NOTE: SCS RUNOFF CURVE NUMBER WAS COMPUTED FROM A USER-SPECIFIED CURVE NUMBER OF 71.0, A SURFACE SLOPE OF 4.% AND A SLOPE LENGTH OF 200. FEET.

SCS RUNOFF CURVE NUMBER	=	72.60	
FRACTION OF AREA ALLOWING RUNOFF	=	100.0	PERCENT
AREA PROJECTED ON HORIZONTAL PLANE	=	7.000	ACRES
EVAPORATIVE ZONE DEPTH	=	24.0	INCHES
INITIAL WATER IN EVAPORATIVE ZONE	=	10.001	INCHES
UPPER LIMIT OF EVAPORATIVE STORAGE	=	10.320	INCHES
LOWER LIMIT OF EVAPORATIVE STORAGE	=	5.304	INCHES
INITIAL SNOW WATER	=	0.000	INCHES
INITIAL WATER IN LAYER MATERIALS	=	160.029	INCHES
TOTAL INITIAL WATER	=	160.029	INCHES
TOTAL SUBSURFACE INFLOW	=	0.00	INCHES/YEAR

EVAPOTRANSPIRATION AND WEATHER DATA

NOTE: EVAPOTRANSPIRATION DATA WAS OBTAINED FROM
Baltimore Maryland

MAXIMUM LEAF AREA INDEX	=	3.00
START OF GROWING SEASON (JULIAN DATE)	=	152
END OF GROWING SEASON (JULIAN DATE)	=	295
AVERAGE ANNUAL WIND SPEED	=	9.30 MPH
AVERAGE 1ST QUARTER RELATIVE HUMIDITY	=	62.00 %
AVERAGE 2ND QUARTER RELATIVE HUMIDITY	=	65.00 %
AVERAGE 3RD QUARTER RELATIVE HUMIDITY	=	71.00 %
AVERAGE 4TH QUARTER RELATIVE HUMIDITY	=	68.00 %

NOTE: PRECIPITATION DATA WAS SYNTHETICALLY GENERATED USING
COEFFICIENTS FOR BALTIMORE MARYLAND

NORMAL MEAN MONTHLY PRECIPITATION (INCHES)

JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
3.00	2.98	3.72	3.35	3.44	3.76
3.89	4.62	3.46	3.11	3.11	3.40

NOTE: TEMPERATURE DATA WAS SYNTHETICALLY GENERATED USING
COEFFICIENTS FOR BALTIMORE MARYLAND

NORMAL MEAN MONTHLY TEMPERATURE (DEGREES FAHRENHEIT)

JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC

34.60	37.10	46.00	55.20	64.90	73.60
77.60	76.30	70.10	59.30	49.90	39.70

NOTE: SOLAR RADIATION DATA WAS SYNTHETICALLY GENERATED USING
COEFFICIENTS FOR BALTIMORE MARYLAND

STATION LATITUDE = 39.18 DEGREES

ANNUAL TOTALS FOR YEAR 1

	INCHES	CU. FEET	PERCENT
PRECIPITATION	41.53	1055277.250	100.00
RUNOFF	7.287	185150.219	17.55
EVAPOTRANSPIRATION	30.684	779691.750	73.89
DRAINAGE COLLECTED FROM LAYER 2	3.5082	89143.898	8.45
PERC./LEAKAGE THROUGH LAYER 3	0.053542	1360.512	0.13
AVG. HEAD ON TOP OF LAYER 3	4.2944		
PERC./LEAKAGE THROUGH LAYER 5	0.576003	14636.226	1.39
CHANGE IN WATER STORAGE	-0.525	-13344.748	-1.26
SOIL WATER AT START OF YEAR	163.881	4164212.250	
SOIL WATER AT END OF YEAR	163.356	4150867.500	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0000	-0.061	0.00

ANNUAL TOTALS FOR YEAR 2

	INCHES	CU. FEET	PERCENT
PRECIPITATION	40.98	1041301.690	100.00
RUNOFF	9.045	229830.937	22.07
EVAPOTRANSPIRATION	28.640	727736.250	69.89

DRAINAGE COLLECTED FROM LAYER 2	5.0833	129166.523	12.40
PERC./LEAKAGE THROUGH LAYER 3	0.102482	2604.073	0.25
AVG. HEAD ON TOP OF LAYER 3	8.2607		.
PERC./LEAKAGE THROUGH LAYER 5	0.553936	14075.524	1.35
CHANGE IN WATER STORAGE	-2.342	-59507.387	-5.71
SOIL WATER AT START OF YEAR	163.356	4150867.500	
SOIL WATER AT END OF YEAR	161.014	4091360.000	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0000	-0.180	0.00

ANNUAL TOTALS FOR YEAR 3

	INCHES	CU. FEET	PERCENT
PRECIPITATION	51.14	1299467.120	100.00
RUNOFF	14.104	358373.156	27.58
EVAPOTRANSPIRATION	31.778	807470.437	62.14
DRAINAGE COLLECTED FROM LAYER 2	4.7617	120995.344	9.31
PERC./LEAKAGE THROUGH LAYER 3	0.086156	2189.233	0.17
AVG. HEAD ON TOP OF LAYER 3	6.9621		
PERC./LEAKAGE THROUGH LAYER 5	0.532121	13521.190	1.04
CHANGE IN WATER STORAGE	-0.035	-893.016	-0.07
SOIL WATER AT START OF YEAR	161.014	4091360.000	
SOIL WATER AT END OF YEAR	160.628	4081560.250	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.351	8906.755	0.69
ANNUAL WATER BUDGET BALANCE	0.0000	-0.041	0.00

ANNUAL TOTALS FOR YEAR 4

	INCHES	CU. FEET	PERCENT
PRECIPITATION	37.46	951858.562	100.00
RUNOFF	4.047	102827.656	10.80
EVAPOTRANSPIRATION	31.058	789173.937	82.91
DRAINAGE COLLECTED FROM LAYER 2	3.5382	89906.000	9.45
PERC./LEAKAGE THROUGH LAYER 3	0.043325	1100.881	0.12
AVG. HEAD ON TOP OF LAYER 3	3.5752		
PERC./LEAKAGE THROUGH LAYER 5	0.513055	13036.726	1.37
CHANGE IN WATER STORAGE	-1.696	-43085.949	-4.53
SOIL WATER AT START OF YEAR	160.628	4081560.250	
SOIL WATER AT END OF YEAR	159.283	4047381.250	
SNOW WATER AT START OF YEAR	0.351	8906.755	0.94
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0000	0.195	0.00

ANNUAL TOTALS FOR YEAR 5

	INCHES	CU. FEET	PERCENT
PRECIPITATION	46.49	1181311.250	100.00
RUNOFF	8.406	213587.562	18.08
EVAPOTRANSPIRATION	32.009	813342.062	68.85
DRAINAGE COLLECTED FROM LAYER 2	4.2029	106795.023	9.04
PERC./LEAKAGE THROUGH LAYER 3	0.061697	1567.715	0.13
AVG. HEAD ON TOP OF LAYER 3	4.9996		
PERC./LEAKAGE THROUGH LAYER 5	0.491553	12490.358	1.06
CHANGE IN WATER STORAGE	1.381	35096.168	2.97

SOIL WATER AT START OF YEAR	159.283	4047381.250	
SOIL WATER AT END OF YEAR	160.664	4082477.250	
SNOW WATER AT START OF YEAR	0.000	0.000	0.00
SNOW WATER AT END OF YEAR	0.000	0.000	0.00
ANNUAL WATER BUDGET BALANCE	0.0000	0.048	0.00

AVERAGE MONTHLY VALUES IN INCHES FOR YEARS 1 THROUGH 5

	JAN/JUL	FEB/AUG	MAR/SEP	APR/OCT	MAY/NOV	JUN/DEC
PRECIPITATION						
TOTALS	3.03 3.91	3.02 4.80	3.63 4.31	3.43 3.25	3.75 2.31	4.65 3.43
STD. DEVIATIONS	1.95 2.27	1.15 2.38	1.09 1.29	2.20 1.51	1.38 1.21	2.52 2.48
RUNOFF						
TOTALS	0.574 1.041	0.690 0.983	0.943 1.429	0.342 0.530	0.508 0.002	0.513 1.024
STD. DEVIATIONS	0.805 1.965	0.605 0.812	0.921 0.792	0.542 1.059	0.576 0.004	0.686 1.908
EVAPOTRANSPIRATION						
TOTALS	1.253 5.451	1.663 3.317	2.504 1.885	2.797 2.855	2.638 1.367	4.022 1.082
STD. DEVIATIONS	0.171 1.119	0.122 1.671	0.417 0.483	0.641 0.226	0.796 0.241	1.428 0.182
LATERAL DRAINAGE COLLECTED FROM LAYER 2						
TOTALS	0.5235 0.4787	0.5455 0.0197	0.7522 0.0035	0.6318 0.0329	0.5700 0.0069	0.4507 0.2035
STD. DEVIATIONS	0.2739 0.3553	0.2151 0.0338	0.0452 0.0073	0.1462 0.0609	0.2915 0.0122	0.3031 0.3316
PERCOLATION/LEAKAGE THROUGH LAYER 3						
TOTALS	0.0125 0.0032	0.0125 0.0000	0.0156 0.0000	0.0077 0.0000	0.0076 0.0000	0.0061 0.0043

STD. DEVIATIONS	0.0079	0.0067	0.0072	0.0043	0.0092	0.0058
	0.0032	0.0000	0.0000	0.0000	0.0000	0.0096

PERCOLATION/LEAKAGE THROUGH LAYER 5

TOTALS	0.0463	0.0414	0.0458	0.0443	0.0455	0.0440
	0.0453	0.0451	0.0435	0.0447	0.0433	0.0443
STD. DEVIATIONS	0.0027	0.0025	0.0032	0.0029	0.0029	0.0027
	0.0029	0.0029	0.0027	0.0027	0.0027	0.0026

AVERAGES OF MONTHLY AVERAGED DAILY HEADS (INCHES)

DAILY AVERAGE HEAD ACROSS LAYER 3

AVERAGES	11.6469	13.0520	14.6062	7.7564	7.1774	6.0987
	3.1657	0.0017	0.0003	0.0028	0.0006	3.9120
STD. DEVIATIONS	7.3859	6.7575	6.5102	4.3486	8.5967	5.7693
	3.1542	0.0028	0.0006	0.0051	0.0011	8.7362

AVERAGE ANNUAL TOTALS & (STD. DEVIATIONS) FOR YEARS 1 THROUGH 5

	INCHES		CU. FEET	PERCENT
PRECIPITATION	43.52	(5.339)	1105843.2	100.00
RUNOFF	8.577	(3.6394)	217953.92	19.709
EVAPOTRANSPIRATION	30.834	(1.3376)	783482.94	70.849
LATERAL DRAINAGE COLLECTED FROM LAYER 2	4.21886	(0.70896)	107201.359	9.69408
PERCOLATION/LEAKAGE THROUGH FROM LAYER 3	0.06944	(0.02432)	1764.483	0.15956
AVERAGE HEAD ACROSS TOP OF LAYER 3	5.618	(1.943)		
PERCOLATION/LEAKAGE THROUGH FROM LAYER 5	0.53333	(0.03318)	13552.005	1.22549
CHANGE IN WATER STORAGE	-0.643	(1.4556)	-16346.99	-1.478

PEAK DAILY VALUES FOR YEARS 1 THROUGH 5		
	(INCHES)	(CU. FT.)
PRECIPITATION	5.68	144328.797
RUNOFF	4.542	115418.7500
DRAINAGE COLLECTED FROM LAYER 2	0.04576	1162.78040
PERCOLATION/LEAKAGE THROUGH LAYER 3	0.000864	21.95575
AVERAGE HEAD ACROSS LAYER 3	24.119	
PERCOLATION/LEAKAGE THROUGH LAYER 5	0.001974	50.15368
SNOW WATER	1.95	49556.4609
MAXIMUM VEG. SOIL WATER (VOL/VOL)		0.4300
MINIMUM VEG. SOIL WATER (VOL/VOL)		0.2137

FINAL WATER STORAGE AT END OF YEAR 5		
LAYER	(INCHES)	(VOL/VOL)
1	9.1039	0.3793
2	0.1061	0.8486
3	0.0000	0.0000
4	7.6337	0.3181
5	139.9686	0.1666
SNOW WATER	0.000	

ATTACHMENT C
2020 ANNUAL GROUNDWATER MONITORING REPORT
(provided as a separate file)

ATTACHMENT D
GROUNDWATER SAMPLING PLAN

Hunting Ridge Groundwater Sampling Plan

Frequency

- MW-1 and MW-2 upgradient wells sampled annually
- MW-3, MW-4, MW-5, MW-6 sampled semiannually

Analytical Parameters (laboratory methods unchanged from 2006)

- VOC list (same as 2006)
- Electrical Conductance (lab and field)
- pH (lab and field)
- turbidity (field)
- temperature (field)
- Ammonia (as N)
- Alkalinity, Total (as CaCO₃)
- Chloride
- Nitrate (as N)
- Sulfate
- Total Dissolved Solids (TDS)
- Barium, Total
- Calcium, Total
- Magnesium, Total
- Potassium, Total
- Sodium, Total

Detailed sampling methodology will be provided, if required, at a later date.

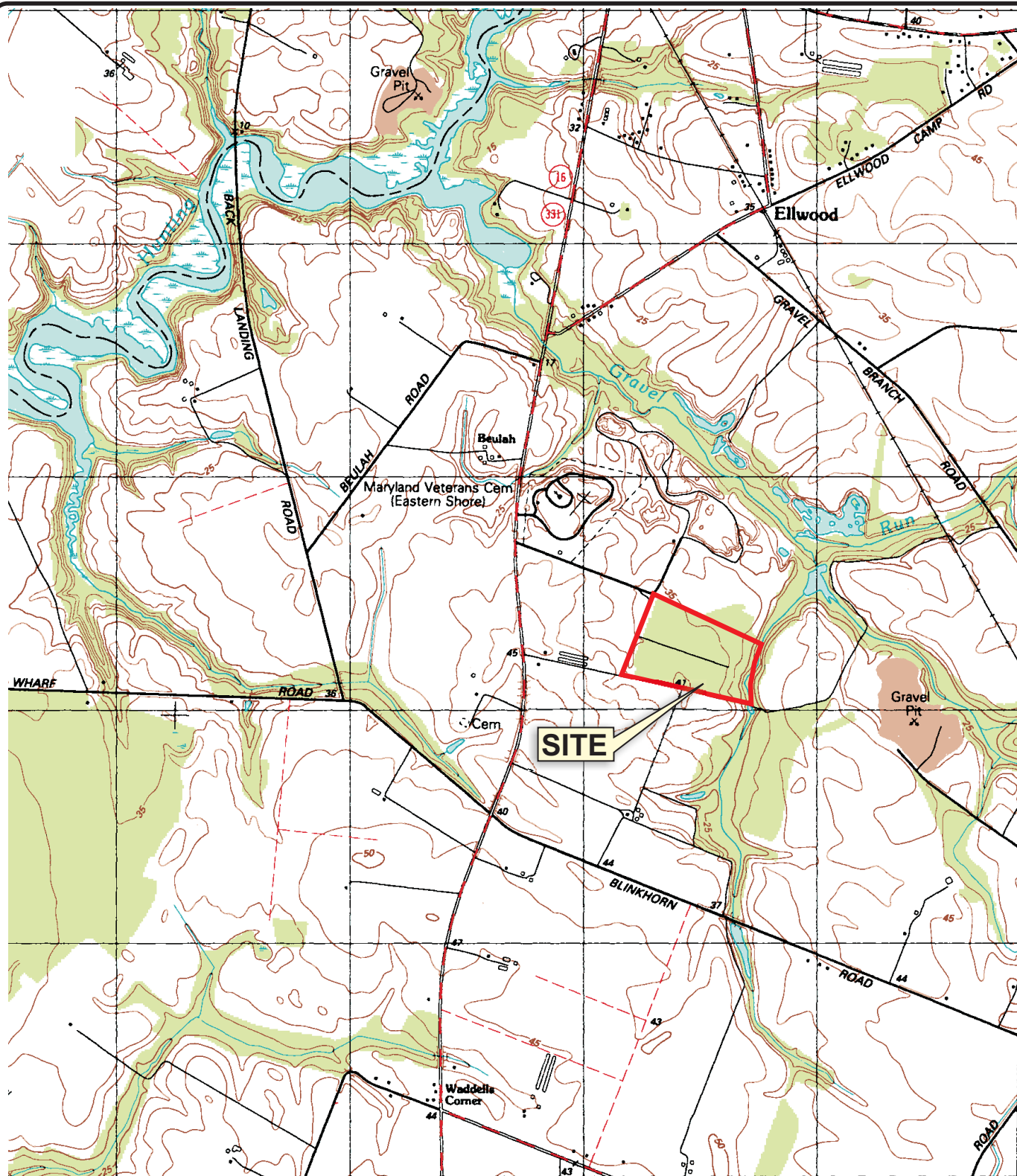
ATTACHMENT E

FIGURES

SITE LOCATION MAP

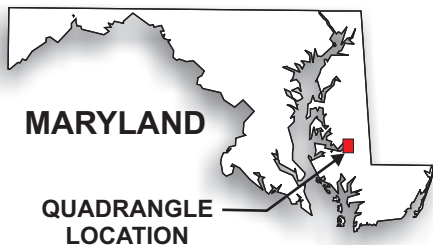
AERIAL PHOTOGRAPH

GAS WELL, MONITORING WELL, AND SURFACE WATER SAMPLE LOCATION MAP



SOURCE: (7.5 Minute Series) U.S.G.S.,
Preston, MD Quadrangle,
1988.

0 2000 4000
SCALE IN FEET



TITLE:

SITE LOCATION MAP

LOCATION:

Hunting Ridge Construction and Demolition Rubble Landfill



TETRA TECH GEO

APPROVED	PAR
DRAFTED	CMP
FILE	L475001A
DATE	3-1-02

FIGURE


1



SOURCE:
AERIAL PHOTOGRAPH FROM
GOOGLE EARTH PRO, DATED
MAY 2015.



0 1200 2400
SCALE IN FEET

TITLE:		AERIAL PHOTOGRAPH	
LOCATION:		Hunting Ridge C&D Landfill Hurlock, Maryland	
 TETRA TECH	APPROVED	PR	FIGURE 2
	DRAFTED	CP	
	PROJECT#	117-2402152	
	DATE	5-5-16	

